Claims

What is claimed is:

1. A mechanism for manipulating information from a source data model and creating a target data model, said mechanism comprising:

      (a) a template module including a directive to manipulate selected data in said source data model;

      (b) a template processing module to process said directive contained in said template module;

      (c) said template processing module further including a component to generate a DOM tree for navigating said template module to manipulate said source data model.

2. The mechanism as claimed in claim 1, wherein said template module further includes a directive to create a target data file, said target data file providing a repository for data obtained from said source data model.

3. The mechanism as claimed in claim 1, wherein said template module includes a directive to manipulate the DOM tree.

4. The mechanism as claimed in claim 1, wherein said template processing module further includes a component to generate a DOM tree for navigating said source data model.

5. The mechanism as claimed in claim 4, wherein said template module includes a directive to manipulate the DOM tree for the source data model.

6. The mechanism as claimed in claim 1, in an application development program and said source data model and said target source data model define an object for an application program.

7. The mechanism as claimed in claim 1, wherein said template module is expressed in XML, said template module being defined according to a DTD.

8. The mechanism as claimed in claim 2, wherein said template module is expressed in XML, said template module being defined according to a DTD.

9. The mechanism as claimed in claim 3, wherein said template module is expressed in XML, said template module being defined according to a DTD.

10. The mechanism as claimed in claim 4, wherein said template module is expressed in XML, said template module being defined according to a DTD.

11.	The mechanism as claimed in claim 5, wherein said template module is expressed in XML, said template module being defined according to a DTD.

12.	The mechanism as claimed in claim 6, wherein said template module is expressed in XML, said template module being defined according to a DTD.

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13. A method for manipulating selected data from a source data model, said method comprising:

   (a) defining a template file having a directive specifying the data to be manipulated in said source data model;

   (b) generating a DOM tree for navigating said template file;

   (c) navigating said template file and applying said directive to manipulate selected data in said source data model.

14. The method as claimed in claim 13, further including creating a target data model, said target data model providing a repository for the data obtained from said source data model.

15. The method as claimed in claim 13, wherein said applying said directive includes generating a DOM tree for navigating said source data model.

16. The method as claimed in claim 15, wherein said template file includes a directive for manipulating the DOM tree for said source data model.

17. The method as claimed in claim 16, wherein said template file is expressed in XML, said template file being defined according to a DTD.

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18. A computer program product for an application
program for creating objects, said application program
including a utility for manipulating information in a source
data model and creating a target data model, said computer
program product comprising:

a recording medium;

means recorded on said medium for instructing a
computer to perform:

(a) defining a template file having a
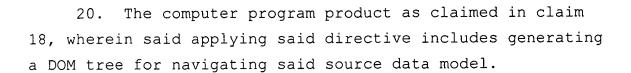directive specifying the data to be
manipulated in said source data model;

(b) generating a DOM tree for
navigating said template file;

(c) navigating said template file and
applying said directive to manipulate
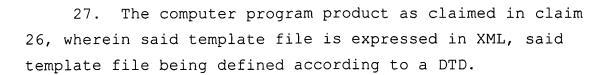selected data in said source data model.

19. The computer program product as claimed in claim
18, further including creating a target data model, said
target data model providing a repository for the data
obtained from said source data model.

20. The computer program product as claimed in claim 18, wherein said applying said directive includes generating a DOM tree for navigating said source data model.

21. The computer program product as claimed in claim 20, wherein said template file includes a directive for manipulating the DOM tree for said source data model.

22. The computer program product as claimed in claim 18, wherein said template file is expressed in XML, said template file being defined according to a DTD.

23. A computer program product comprising means for instructing a computer to perform a method for manipulating selected data from a source data model, said method comprising:

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    (a) defining a template file having a directive specifying the data to be manipulated in said source data model;

    (b) generating a DOM tree for navigating said template file;

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    (c) navigating said template file and applying said directive to manipulate selected data in said source data model.

24. The computer program product as claimed in claim 23, further including creating a target data model, said

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target data model providing a repository for the data obtained from said source data model.

25. The computer program product as claimed in claim 23, wherein said applying said directive includes generating a DOM tree for navigating said source data model.

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26. The computer program product as claimed in claim 25, wherein said template file includes a directive for manipulating the DOM tree for said source data model.

27. The computer program product as claimed in claim 26, wherein said template file is expressed in XML, said template file being defined according to a DTD.

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